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**From:** Stacy Kowalski [SKowalski@otie.com]  
**Sent:** 7/22/2019 6:15:01 PM  
**To:** Crowley, Jeffery [Crowley.Jeffery@epa.gov]  
**CC:** Famble, Alayna [famble.alayna@epa.gov]  
**Subject:** RE: Lake Conestee

**Flag:** Flag for follow up

My GIS support is helping me with a couple of measurements and I am working on the edits. I hope to have it to you by Monday.

*Stacy Kowalski*

770.366.6751 cell

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**From:** Crowley, Jeffery <Crowley.Jeffery@epa.gov>  
**Sent:** Monday, July 22, 2019 11:11 AM  
**To:** Stacy Kowalski <SKowalski@otie.com>  
**Cc:** Famble, Alayna <famble.alayna@epa.gov>  
**Subject:** Fwd: Lake Conestee

Stacy,

When might we see the revised PA? Thanks.

Jeffery J Crowley  
USEPA Region 4  
Remedial Project Manager  
(404) 562-9587

Begin forwarded message:

**From:** Dave Hargett <Ex. 6 Personal Privacy (PP)>  
**Date:** July 22, 2019 at 8:59:49 AM EDT  
**To:** "Crowley, Jeffery" <Crowley.Jeffery@epa.gov>  
**Cc:** Stacy Kowalski <SKowalski@otie.com>, "Famble, Alayna" <famble.alayna@epa.gov>  
**Subject:** Re: Lake Conestee

Great!  
Enjoy the coming break in the heat!  
D



**Dave Hargett, Ph.D.**  
Founder & Executive Director  
Conestee Foundation / Lake Conestee Nature Park

## **Ex. 6 Personal Privacy (PP)**

*LCNP: Celebrating 12 Years of Discovery !*  
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<http://lakeconesteenaturepark.com>  
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*LCNP - Southeast Region Phoenix Award Winner - 2017*  
*National Brownfields Award - Phoenix Prize 1st RunnerUp - 2017*

On Mon, Jul 22, 2019 at 8:52 AM Crowley, Jeffery <[Crowley.Jeffery@epa.gov](mailto:Crowley.Jeffery@epa.gov)> wrote:

Good morning Dr. Hargett,

We are still working on the final edits. I hope to have a final version out by the end of this week. I will definitely keep you posted. Thank you.

**Jeffery J Crowley**

Remedial Project Manager

US EPA Region IV

Office: (404) 562-9587

61 Forsyth St SW, 9T25, Atlanta, GA 30303

**From:** Dave Hargett <Ex. 6 Personal Privacy (PP)>

**Sent:** Monday, July 22, 2019 8:49 AM

**To:** Crowley, Jeffery <Crowley.Jeffery@epa.gov>; Stacy Kowalski <SKowalski@otie.com>

**Subject:** Re: Lake Conestee

Good Morning, Jeff.

I'm checking in on the status of your PA report.

When we talked on 02 July you had indicated it would be out in a couple of weeks.

If there is a draft or any other version that you can share, since we are the requester for the PA, I would appreciate a copy at your earliest convenience.

Many thanks, and call if you have any questions.

Cheers,

Dave



**Dave Hargett, Ph.D.**

**Founder & Executive Director**

**Conestee Foundation / Lake Conestee Nature Park**

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On Tue, Jul 2, 2019 at 4:14 PM Dave Hargett Ex. 6 Personal Privacy (PP) wrote:

Jeffery and Stacy

Thanks for the briefing this morning.

We very much appreciate what your process will do to help us keep just enough light on the issues that make a site worthy of appropriate oversight and management.

Below is the link to the Bramlette Road MGP site. A lot of information there but what is relevant is the informational "dots" that connect hydraulically to Lake Conestee. Duke did an assessment and partial cleanup of that site from 2000-2003. Their screening criteria for what they removed vs. left behind were:

- Total PAHs 900 ug/kg
- Sum of Carcinogenic PAHs 319 ug/kg
- Total CPAHs as B(a)P 87 ug/kg

Based on these criteria Duke hauled ~34,000 tons of PAH-contaminated soil, generally only that within ~3 ft of ground surface for thermal treatment. About that much also went to a landfill without thermal treatment. Expenditures reported as ~\$6M+, but I'm sure it was a lot more.

By comparison, I estimate Lake Conestee has roughly 90X that mass of PAH contaminated sediment, with an average concentration on the order of 12X their cleanup standards, and ours is in communication with waters of the U.S. tributary to downstream public water supplies.

In 2016 Duke re-opened the site as RP-VCC. They continue to conduct assessments of the related properties. See the two most recent quarterly reports. From my review, and supplemental information that I cannot share at this time, it is my opinion that the site continues to release PAHs to the Reedy River via sediment discharge. Note that Duke is now using "industrial screening standards" and not the cleanup standards they used during their previous cleanup. Interesting.

Related information is also attached, including a graphic, to which I've added explanatory labels, from Michelle Everson's, Clemson U., toxicology MS thesis (1999,,,, long before I put the complete upstream/downstream scenario together).

Also a comparison of concentrations of categories of sediments, with PAH concentrations at LC, compared to the Bramlette source and cleanup standard. Note that the vast majority of the sediments in the body of LC are "deep" (i.e. older), and more contaminated than the surficial sediments that comprise most of our 2000-2004 TBA samples.

Also a few screenshots of some toxicology journal abstracts dealing with PAH ecological effects downstream, that have not been found in the adjacent Saluda basin (which has no MGPs).

<https://www.scdhec.gov/environment/ongoing-projects-updates/csxt-bramlette-road-site-aka-duke-power-manufactured-gas-plant>

Happy reading.

Let me know if you have any questions.

Have a good 4th!

Dave

**Dave Hargett, Ph.D.**

**Founder & Executive Director**

Conestee Foundation / Lake Conestee Nature Park

**Ex. 6 Personal Privacy (PP)**

[dave@lakeconesteenaturepark.com](mailto:dave@lakeconesteenaturepark.com)

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